

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

WEST Search History

DATE: Wednesday, August 18, 2004

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
		<i>DB=USPT; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L25	((map\$4 or assign\$4) same (network adj2 address\$2)) same (location or geo\$5) and (dns or domain name server)	33
<input type="checkbox"/>	L24	(map\$4 same (network adj2 address\$2)) same (location or geo\$5) and (dns or domain name server)	13
<input type="checkbox"/>	L23	(map\$4 same (network adj2 address\$2)) same (location or geo\$5)	113
<input type="checkbox"/>	L22	(assign\$4 or locat\$4) same (ip or internet protocol) same location and (map\$4 same address\$2) and L15 and quer\$4 and domain\$ and (dns or domain name server)	39
<input type="checkbox"/>	L21	(assign\$4 or locat\$4) same (ip or internet protocol) same location	3928
<input type="checkbox"/>	L20	(map\$4 same address\$2) and L15 and quer\$4 and domain\$ and (dns or domain name server)	39
<input type="checkbox"/>	L19	(map\$4 same address\$2) and L15 and quer\$4 and domain\$	39
<input type="checkbox"/>	L18	(map\$4 same address\$2) and L15	39
<input type="checkbox"/>	L17	(map\$4 and address\$2) and L15	0
<input type="checkbox"/>	L16	(map\$4 same address\$2) and L15	0
<input type="checkbox"/>	L15	(geolocation or geograph\$4) and L14	40
<input type="checkbox"/>	L14	map\$4 and L13	44
<input type="checkbox"/>	L13	host and server and L12	51
<input type="checkbox"/>	L12	api and L11	51
<input type="checkbox"/>	L11	(dns or domain name server) and L10	94
<input type="checkbox"/>	L10	query and domain\$ and L9	148
<input type="checkbox"/>	L9	network and L8	437
<input type="checkbox"/>	L8	assign\$4 same (ip or internet protocol) same location	458
<input type="checkbox"/>	L7	(network adj address\$2) and L6	0
<input type="checkbox"/>	L6	ip and L3	1
<input type="checkbox"/>	L5	ip and L4	0
<input type="checkbox"/>	L4	domain and L3	0
<input type="checkbox"/>	L3	network and L2	1
<input type="checkbox"/>	L2	address\$2 and L1	1
<input type="checkbox"/>	L1	6343290.pn.	1

END OF SEARCH HISTORY

Refine Search

Search Results -

Term	Documents
GEOLOCATION	281
GEOLOCATIONS	24
GEO-LOCATION	83
GEO-LOCATIONS	11
GEO	3531
GEOS	108
LOCATION	811507
LOCATIONS	435316
MAP\$4	0
MAP	93420
MAPA	73
((GEOLOCATION OR GEO-LOCATION OR GEO LOCATION) SAME MAP\$4 AND QUER\$3).USPT.	16

There are more results than shown above. [Click here to view the entire set.](#)

Database:

☐ US Pre-Grant Publication Full-Text Database
☒ US Patents Full-Text Database
☐ US OCR Full-Text Database
☐ EPO Abstracts Database
☐ JPO Abstracts Database
☐ Derwent World Patents Index
☐ IBM Technical Disclosure Bulletins

Search:

L127

[Refine Search](#)

[Recall Text](#) 

[Clear](#)

[Interrupt](#)

Search History

DATE: Sunday, July 25, 2004 [Printable Copy](#) [Create Case](#)

Set
Name Query
 side by
 side

Hit
Count Set
 Name
 result
 set

DB=USPT; PLUR=YES; OP=ADJ

L127 (geolocation or geo-location or geo location) same map\$4 and quer\$3 16 L127

L126 L125 AND L67 0 L126

DB=PGPB; PLUR=YES; OP=ADJ

L125 (geolocation or geo-location or geo location) same map\$4 58 L125

DB=TDBD; PLUR=YES; OP=ADJ

L124 (geolocation or geo-location or geo location) same map\$4 0 L124

DB=USOC; PLUR=YES; OP=ADJ

L123 L120 AND 709/2\$.CCLS. 0 L123

L122 (geolocation or geo-location or geo location) same map\$4 AND 709/2\$.CCLS. 0 L122

L121 (geolocation or geo-location or geo location) same map\$4 AND 709.2\$.CCLS. 0 L121

DB=USPT; PLUR=YES; OP=ADJ

L120 (geolocation or geo-location or geo location) same map\$4 40 L120

L119 L115 and 709/2\$.ccls. 5 L119

L118 L117 and L85 3 L118

L117 (geolocation or geo-location or geo location) and L66 3 L117

L116 L115 and (api or application program interface) and (dns or dynamic name server) 2 L116

L115 (geolocation or geo-location or geo location) and (provid\$4 or furnish\$4 or contribut\$4) same (service\$ or work) 105 L115

L114 L111 and L72 and L73 and L74 and L75 and L76 and L77 0 L114

L113 L111 and L9-14 0 L113

L112 L111 and L9-L14 0 L112

L111 (geolocation or geo-location or geo location) same (ip or internet protocol) 10 L111

L110 5721827.pn. and program\$ 1 L110

L109 5721827.pn. and game\$ 0 L109

L108 L106 and L68 17 L108

L107 L106 and L68 17 L107

L106 L105 and 709/2\$.ccls. 104 L106

L105 (subscriber\$ or client\$) same (download\$4 or down-load or down load\$4) same (off line or off-line or inactive or disconnect\$4) and (network or internet or lan or local area network) 222 L105

L104 L102 and L86 1 L104

L103 L102 and L97 0 L103

L102 (707/201).ccls. 853 L102

L101 L98 and L80 6 L101

L100 L98 and L97 2 L100

L99 L98 and L93 0 L99

L98 (709/245).ccls. 651 L98

L97 L87 and authenticat\$4 16 L97

DB=TDBD; PLUR=YES; OP=ADJ

L96 (provid\$4 or furnish\$4 or contribut\$4) same (service\$ or work) and 5 L96
((manag\$4 or control\$4) same (access adj3 point\$))

L95 (provid\$4 or furnish\$4 or contribut\$4) same (service\$ or work) and 0 L95
((manag\$4 or control\$4) same (access adj3 point\$)) and (dynamic host
configuration protocol or dhcp) and radius

L94 L93 0 L94

DB=PGPB; PLUR=YES; OP=ADJ

L93 (provid\$4 or furnish\$4 or contribut\$4) same (service\$ or work) and 60 L93
((manag\$4 or control\$4) same (access adj3 point\$)) and (dynamic host
configuration protocol or dhcp) and radius

L92 (provid\$4 or furnish\$4 or contribut\$4) same (service\$ or work) and 1402 L92
((manag\$4 or control\$4) same (access adj3 point\$))

DB=JPAB; PLUR=YES; OP=ADJ

L91 (provid\$4 or furnish\$4 or contribut\$4) same (service\$ or work) and 20 L91
((manag\$4 or control\$4) same (access adj3 point\$))

DB=USPT; PLUR=YES; OP=ADJ

L90 L87 and L74 and L70 2 L90

L89 L87 and L74 and L70 2 L89

L88 L87 and L74 2 L88

L87 (provid\$4 or furnish\$4 or contribut\$4) same (service\$ or work) and 18 L87
((manag\$4 or control\$4) same (access adj3 point\$)) and (dynamic host
configuration protocol or dhcp) and radius

L86 (provid\$4 or furnish\$4 or contribut\$4) same (service\$ or work) and 1135 L86
((manag\$4 or control\$4) same (access adj3 point\$))

L85 (provid\$4 or furnish\$4 or contribut\$4) same (service\$ or work) 96442 L85

L84 L81 and L71 3 L84

L83 L81 and L69 2 L83

L82 L81 and L71 3 L82

L81 L80 and L70 46 L81

L80 L66 and L75 74 L80

L79 L78 and L71 5 L79

L78 L66 and L72 89 L78

L77 (709/232).ccls. 595 L77

L76 (709/232).ccls. 595 L76

L75 (709/203).ccls. 2245 L75

L74 (709/228).ccls. 727 L74

L73 (709/225).ccls. 818 L73

L72 (709/224).ccls. 1833 L72

L71 radius and L67 137 L71

L70 (subscriber\$ or client\$) same access same (network or internet or lan or local 15128 L70
area network)

L69 L68 and (isp or internet service provider\$) 289 L69

<u>L68</u>	L67	793	<u>L68</u>
<u>L67</u>	dynamic host configuration protocol or dhcp	793	<u>L67</u>
<u>L66</u>	(assign\$4 or allocat\$4) same (network near address\$2)	1676	<u>L66</u>
<u>L65</u>	isp and L64	1	<u>L65</u>
<u>L64</u>	6427174.pn.	1	<u>L64</u>
<u>L63</u>	L62 AND L4	0	<u>L63</u>
<i>DB=PGPB; PLUR=YES; OP=ADJ</i>			
<u>L62</u>	(geolocation or geo-location or geo location) same map\$4	58	<u>L62</u>
<i>DB=TDBD; PLUR=YES; OP=ADJ</i>			
<u>L61</u>	(geolocation or geo-location or geo location) same map\$4	0	<u>L61</u>
<i>DB=USOC; PLUR=YES; OP=ADJ</i>			
<u>L60</u>	L57 AND 709/2\$.CCLS.	0	<u>L60</u>
<u>L59</u>	(geolocation or geo-location or geo location) same map\$4 AND 709/2\$.CCLS.	0	<u>L59</u>
<u>L58</u>	(geolocation or geo-location or geo location) same map\$4 AND 709.2\$.CCLS.	0	<u>L58</u>
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
<u>L57</u>	(geolocation or geo-location or geo location) same map\$4	40	<u>L57</u>
<u>L56</u>	L52 and 709/2\$.ccls.	5	<u>L56</u>
<u>L55</u>	L54 and l22	3	<u>L55</u>
<u>L54</u>	(geolocation or geo-location or geo location) and l3	3	<u>L54</u>
<u>L53</u>	L52 and (api or application program interface) and (dns or dynamice name server)	2	<u>L53</u>
<u>L52</u>	(geolocation or geo-location or geo location) and (provid\$4 or furnish\$4 or contribut\$4) same (service\$ or work)	105	<u>L52</u>
<u>L51</u>	L48 and l9 and l10 and l11 and l12 and l13 and l14	0	<u>L51</u>
<u>L50</u>	L48 and l9-14	0	<u>L50</u>
<u>L49</u>	L48 and l9-l14	0	<u>L49</u>
<u>L48</u>	(geolocation or geo-location or geo location) same (ip or internet protocol)	10	<u>L48</u>
<u>L47</u>	5721827.pn. and program\$	1	<u>L47</u>
<u>L46</u>	5721827.pn. and game\$	0	<u>L46</u>
<u>L45</u>	L43 and L5	17	<u>L45</u>
<u>L44</u>	L43 and L5	17	<u>L44</u>
<u>L43</u>	L42 and 709/2\$.ccls.	104	<u>L43</u>
<u>L42</u>	(subscriber\$ or client\$) same (download\$4 or down-load or down load\$4) same (off line or off-line or inactive or disconnect\$4) and (network or internet or lan or local area network)	222	<u>L42</u>
<u>L41</u>	L39 and L23	1	<u>L41</u>
<u>L40</u>	L39 and L34	0	<u>L40</u>
<u>L39</u>	(707/201).ccls.	853	<u>L39</u>
<u>L38</u>	L35 and L17	6	<u>L38</u>
<u>L37</u>	L35 and L34	2	<u>L37</u>

<u>L36</u>	L35 and L30	0	<u>L36</u>
<u>L35</u>	(709/245).ccls.	651	<u>L35</u>
<u>L34</u>	L24 and authenticat\$4	16	<u>L34</u>
<i>DB=TDBD; PLUR=YES; OP=ADJ</i>			
<u>L33</u>	(provid\$4 or furnish\$4 or contribut\$4) same (service\$ or work) and ((manag\$4 or control\$4) same (access adj3 point\$))	5	<u>L33</u>
<u>L32</u>	(provid\$4 or furnish\$4 or contribut\$4) same (service\$ or work) and ((manag\$4 or control\$4) same (access adj3 point\$)) and (dynamic host configuration protocol or dhcp) and radius	0	<u>L32</u>
<u>L31</u>	L30	0	<u>L31</u>
<i>DB=PGPB; PLUR=YES; OP=ADJ</i>			
<u>L30</u>	(provid\$4 or furnish\$4 or contribut\$4) same (service\$ or work) and ((manag\$4 or control\$4) same (access adj3 point\$)) and (dynamic host configuration protocol or dhcp) and radius	60	<u>L30</u>
<u>L29</u>	(provid\$4 or furnish\$4 or contribut\$4) same (service\$ or work) and ((manag\$4 or control\$4) same (access adj3 point\$))	1402	<u>L29</u>
<i>DB=JPAB; PLUR=YES; OP=ADJ</i>			
<u>L28</u>	(provid\$4 or furnish\$4 or contribut\$4) same (service\$ or work) and ((manag\$4 or control\$4) same (access adj3 point\$))	20	<u>L28</u>
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
<u>L27</u>	L24 and L11 and L7	2	<u>L27</u>
<u>L26</u>	L24 and L11 and L7	2	<u>L26</u>
<u>L25</u>	L24 and L11	2	<u>L25</u>
<u>L24</u>	(provid\$4 or furnish\$4 or contribut\$4) same (service\$ or work) and ((manag\$4 or control\$4) same (access adj3 point\$)) and (dynamic host configuration protocol or dhcp) and radius	18	<u>L24</u>
<u>L23</u>	(provid\$4 or furnish\$4 or contribut\$4) same (service\$ or work) and ((manag\$4 or control\$4) same (access adj3 point\$))	1135	<u>L23</u>
<u>L22</u>	(provid\$4 or furnish\$4 or contribut\$4) same (service\$ or work)	96442	<u>L22</u>
<u>L21</u>	L18 and L8	3	<u>L21</u>
<u>L20</u>	L18 and L6	2	<u>L20</u>
<u>L19</u>	L18 and L8	3	<u>L19</u>
<u>L18</u>	L17 and L7	46	<u>L18</u>
<u>L17</u>	L3 and L12	74	<u>L17</u>
<u>L16</u>	L15 and L8	5	<u>L16</u>
<u>L15</u>	L3 and L9	89	<u>L15</u>
<u>L14</u>	(709/232).ccls.	595	<u>L14</u>
<u>L13</u>	(709/232).ccls.	595	<u>L13</u>
<u>L12</u>	(709/203).ccls.	2245	<u>L12</u>
<u>L11</u>	(709/228).ccls.	727	<u>L11</u>
<u>L10</u>	(709/225).ccls.	818	<u>L10</u>
<u>L9</u>	(709/224).ccls.	1833	<u>L9</u>
<u>L8</u>	radius and L4	137	<u>L8</u>

<u>L7</u>	(subscriber\$ or client\$) same access same (network or internet or lan or local area network)	15128	<u>L7</u>
<u>L6</u>	L5 and (isp or internet service provider\$)	289	<u>L6</u>
<u>L5</u>	L4	793	<u>L5</u>
<u>L4</u>	dynamic host configuration protocol or dhcp	793	<u>L4</u>
<u>L3</u>	(assign\$4 or allocat\$4) same (network near address\$2)	1676	<u>L3</u>
<u>L2</u>	isp and L1	1	<u>L2</u>
<u>L1</u>	6427174.pn.	1	<u>L1</u>

END OF SEARCH HISTORY

Freeform Search

Database:	US Pre-Grant Publication Full-Text Database		
	US Patents Full-Text Database		
	US OCR Full-Text Database		
	EPO Abstracts Database		
	JPO Abstracts Database		
	Derwent World Patents Index		
	IBM Technical Disclosure Bulletins		
Term:	geographic.ti. and network.ti.		
Display:	175	Documents in Display Format: TI	Starting with Number 1
Generate: <input type="radio"/> Hit List <input checked="" type="radio"/> Hit Count <input type="radio"/> Side by Side <input type="radio"/> Image			

Search

Clear

Interrupt

Search History

DATE: Wednesday, August 18, 2004 [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
side by side			
	DB=USPT; PLUR=YES; OP=ADJ		
L54	geographic.ti. and network.ti.	15	L54
L53	geolocation.ti. and network.ti.	0	L53
L52	geographic.ti and network.ti.	0	L52
L51	geolocation.ti and network.ti.	0	L51
L50	((map\$4 or assign\$4) same (network adj2 address\$2)) same (location or geo\$5) and (dns or domain name server)	33	L50
L49	(map\$4 same (network adj2 address\$2)) same (location or geo\$5) and (dns or domain name server)	13	L49
L48	(map\$4 same (network adj2 address\$2)) same (location or geo\$5)	113	L48
L47	(assign\$4 or locat\$4) same (ip or internet protocol) same location and (map\$4 same address\$2) and L40 and quer\$4 and domain\$ and (dns or domain name server)	39	L47
L46	(assign\$4 or locat\$4) same (ip or internet protocol) same location	3928	L46
L45	(map\$4 same address\$2) and L40 and quer\$4 and domain\$ and (dns or domain name server)	39	L45
L44	(map\$4 same address\$2) and L40 and quer\$4 and domain\$	39	L44

<u>L43</u>	(map\$4 same address\$2) and L40	39	<u>L43</u>
<u>L42</u>	(map\$4 and address\$2) and L40	0	<u>L42</u>
<u>L41</u>	(map\$4 same address\$2) and L40	0	<u>L41</u>
<u>L40</u>	(geolocation or geograph\$4) and L39	40	<u>L40</u>
<u>L39</u>	map\$4 and L38	44	<u>L39</u>
<u>L38</u>	host and server and L37	51	<u>L38</u>
<u>L37</u>	api and L36	51	<u>L37</u>
<u>L36</u>	(dns or domain name server) and L35	94	<u>L36</u>
<u>L35</u>	query and domain\$ and L34	148	<u>L35</u>
<u>L34</u>	network and L33	437	<u>L34</u>
<u>L33</u>	assign\$4 same (ip or internet protocol) same location	458	<u>L33</u>
<u>L32</u>	(network adj address\$2) and L31	0	<u>L32</u>
<u>L31</u>	ip and L28	1	<u>L31</u>
<u>L30</u>	ip and L29	0	<u>L30</u>
<u>L29</u>	domain and L28	0	<u>L29</u>
<u>L28</u>	network and L27	1	<u>L28</u>
<u>L27</u>	address\$2 and L26	1	<u>L27</u>
<u>L26</u>	6343290.pn.	1	<u>L26</u>
<u>L25</u>	((map\$4 or assign\$4) same (network adj2 address\$2)) same (location or geo\$5) and (dns or domain name server)	33	<u>L25</u>
<u>L24</u>	(map\$4 same (network adj2 address\$2)) same (location or geo\$5) and (dns or domain name server)	13	<u>L24</u>
<u>L23</u>	(map\$4 same (network adj2 address\$2)) same (location or geo\$5)	113	<u>L23</u>
<u>L22</u>	(assign\$4 or locat\$4) same (ip or internet protocol) same location and (map\$4 same address\$2) and L15 and quer\$4 and domain\$ and (dns or domain name server)	39	<u>L22</u>
<u>L21</u>	(assign\$4 or locat\$4) same (ip or internet protocol) same location	3928	<u>L21</u>
<u>L20</u>	(map\$4 same address\$2) and L15 and quer\$4 and domain\$ and (dns or domain name server)	39	<u>L20</u>
<u>L19</u>	(map\$4 same address\$2) and L15 and quer\$4 and domain\$	39	<u>L19</u>
<u>L18</u>	(map\$4 same address\$2) and L15	39	<u>L18</u>
<u>L17</u>	(map\$4 and address\$2) and L15	0	<u>L17</u>
<u>L16</u>	(map\$4 same address\$2) and L15	0	<u>L16</u>
<u>L15</u>	(geolocation or geograph\$4) and L14	40	<u>L15</u>
<u>L14</u>	map\$4 and L13	44	<u>L14</u>
<u>L13</u>	host and server and L12	51	<u>L13</u>
<u>L12</u>	api and L11	51	<u>L12</u>
<u>L11</u>	(dns or domain name server) and L10	94	<u>L11</u>
<u>L10</u>	query and domain\$ and L9	148	<u>L10</u>
<u>L9</u>	network and L8	437	<u>L9</u>
<u>L8</u>	assign\$4 same (ip or internet protocol) same location	458	<u>L8</u>
<u>L7</u>	(network adj address\$2) and L6	0	<u>L7</u>

L6 ip and L3L5 ip and L4L4 domain and L3L3 network and L2L2 address\$2 and L1L1 6343290.pn.1 L60 L50 L41 L31 L21 L1

END OF SEARCH HISTORY